

## VARIABLE STIFFNESS COIL FOR VASOOCCLUSIVE DEVICES

## ABSTRACT OF THE DISCLOSURE

5       The variable stiffness vasoocclusive coil is given variable stiffness  
along the length of the coil by selectively heat treating certain segments of a primary  
or secondary coil. The primary coil can be selectively heat treated to form soft or  
deformable segments along the length of the coil, and can then be shaped into a  
secondary shape that is set by a heat treatment process. Distal regions of the coil can  
also be heat treated to make the distal ends of the coil softer, more deformable, or less  
10       traumatic.